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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 66368(46590)
INTERNATIONAL APPLICATION NO. PCT/JP2005/006576	INTERNATIONAL FILING DATE 29 March 2005	U.S. APPLICATION NO. (if known) (see 37 CFR 1.5) <b>107594773</b>
PRIORITY DATE CLAIMED 30 March 2004		
TITLE OF INVENTION <b>ANTIBODY DRUG</b>		
APPLICANT(S) FOR DO/EO/US Hiroshi Inooka et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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<b>10/594773</b>	PCT/JP2005/006576	66368(46590)	
<p>20. <input checked="" type="checkbox"/> Other items or information: Set of Formal Drawings (Figs. 1-9) Copy of Sequence Listing (2 pages) Receipt in the Case of Original Deposit with English Translation Copy of Cover Page of International Publication No.: WO 2005/094881 A1 Copy of International Search Report Copy of Forms PCT/IB/301; PCT/IB/304 and PCT/IB/308</p>			
<p>The following fees have been submitted</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500</p> <p><b>TOTAL OF 21, 22 and 23 =</b></p> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>		<p><b>CALCULATIONS</b></p> <p>\$ 300.00</p> <p>\$ 200.00</p> <p>\$ 400.00</p> <p>\$ 900.00</p>	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	
94 - 100 =	/50 =	x \$250.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	17 - 20 =	x	0.00
Independent claims	3 - 3 =	x	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$ 1,030.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
<b>SUBTOTAL =</b>			\$ 1,030.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$
<b>TOTAL NATIONAL FEE =</b>			\$ 1,030.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ 40.00
			\$
<b>TOTAL FEES ENCLOSED =</b>			\$ 1,070.00
			Amount to be refunded: \$
			Amount to be charged \$

10/594773  
IAP01 Rec'd PCT/PTO 29 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 04-1105 in the amount of \$ 1,070.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Gregory B. Butler  
EDWARDS ANGELL PALMER & DODGE LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
(617) 439-4444

CUSTOMER NUMBER: 21874

Gregory B. Butler  
SIGNATURE

Gregory B. Butler  
NAME

34,558  
REGISTRATION NUMBER

10/594773  
IAP01 Rec'd PCT/PTO 29 SEP 2006

PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032  
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<p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <p><b>FEE TRANSMITTAL</b> <b>For FY 2005</b></p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Filing Date</td> <td>Concurrently Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Hiroshi Inooka</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Art Unit</td> <td>N/A</td> </tr> </table>		Application Number	Not Yet Assigned	Filing Date	Concurrently Herewith	First Named Inventor	Hiroshi Inooka	Examiner Name	Not Yet Assigned	Art Unit	N/A
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<p><b>TOTAL AMOUNT OF PAYMENT</b> (\$ 1,070.00)</p>		<p>Attorney Docket No. 66368(46590)</p>											

<p><b>METHOD OF PAYMENT</b> (check all that apply)</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____</p> <p><input checked="" type="checkbox"/> Deposit Account Deposit Account Number. 04-1105 Deposit Account Name: Edwards Angell Palmer &amp; Dodge LLP</p> <p>For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)</p> <p><input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee</p> <p><input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments</p>					
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<p><b>FEE CALCULATION</b></p> <p><b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b></p> <table border="1"> <thead> <tr> <th rowspan="2"><b>Application Type</b></th> <th colspan="2"><b>FILING FEES</b></th> <th colspan="2"><b>SEARCH FEES</b></th> <th colspan="3"><b>EXAMINATION FEES</b></th> </tr> <tr> <th><b>Fee (\$)</b></th> <th><b>Small Entity</b></th> <th><b>Fee (\$)</b></th> <th><b>Small Entity</b></th> <th><b>Fee (\$)</b></th> <th><b>Small Entity</b></th> <th><b>Fees Paid (\$)</b></th> </tr> </thead> <tbody> <tr> <td>Utility</td> <td>300</td> <td>150</td> <td>500</td> <td>250</td> <td>200</td> <td>100</td> <td>_____</td> </tr> <tr> <td>Design</td> <td>200</td> <td>100</td> <td>100</td> <td>50</td> <td>130</td> <td>65</td> <td>_____</td> </tr> <tr> <td>Plant</td> <td>200</td> <td>100</td> <td>300</td> <td>150</td> <td>160</td> <td>80</td> <td>_____</td> </tr> <tr> <td>Reissue</td> <td>300</td> <td>150</td> <td>500</td> <td>250</td> <td>600</td> <td>300</td> <td>_____</td> </tr> <tr> <td>Provisional</td> <td>200</td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>_____</td> </tr> </tbody> </table> <p><b>2. EXCESS CLAIM FEES</b></p> <table border="1"> <thead> <tr> <th><b>Fee Description</b></th> <th><b>Small Entity</b></th> </tr> </thead> <tbody> <tr> <td>Each claim over 20 (including Reissues)</td> <td>50 25</td> </tr> <tr> <td>Each independent claim over 3 (including Reissues)</td> <td>200 100</td> </tr> <tr> <td>Multiple dependent claims</td> <td>360 180</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th><b>Total Claims</b></th> <th><b>Extra Claims</b></th> <th><b>Fee (\$)</b></th> <th><b>Fee Paid (\$)</b></th> <th><b>Multiple Dependent Claims</b></th> </tr> </thead> <tbody> <tr> <td>17</td> <td>- 20 =</td> <td>x</td> <td>=</td> <td>Fee (\$)</td> <td>Fee Paid (\$)</td> </tr> </tbody> </table> <p>HP = highest number of total claims paid for, if greater than 20.</p> <table border="1"> <thead> <tr> <th><b>Indep. Claims</b></th> <th><b>Extra Claims</b></th> <th><b>Fee (\$)</b></th> <th><b>Fee Paid (\$)</b></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>- 3 =</td> <td>x</td> <td>=</td> </tr> </tbody> </table> <p>HP = highest number of independent claims paid for, if greater than 3.</p> <p><b>3. APPLICATION SIZE FEE</b></p> <p>If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).</p> <table border="1"> <thead> <tr> <th><b>Total Sheets</b></th> <th><b>Extra Sheets</b></th> <th><b>Number of each additional 50 or fraction thereof</b></th> <th><b>Fee (\$)</b></th> <th><b>Fee Paid (\$)</b></th> </tr> </thead> <tbody> <tr> <td>94</td> <td>- 100 =</td> <td>/50 (round up to a whole number) x</td> <td>=</td> <td>Fee Paid (\$)</td> </tr> </tbody> </table> <p><b>4. OTHER FEE(S)</b></p> <p>Non-English Specification, \$130 fee (no small entity discount)</p> <p>Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00 1633 National Stage Examination Fee - all other ... 200.00 1642 National Stage Search Fee - search report ... 400.00 1617 Search fee, examination fee or oath or ... 130.00 8021 National Stage recording each patent assignment, ... 40.00</p>								<b>Application Type</b>	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>			<b>Fee (\$)</b>	<b>Small Entity</b>	<b>Fee (\$)</b>	<b>Small Entity</b>	<b>Fee (\$)</b>	<b>Small Entity</b>	<b>Fees Paid (\$)</b>	Utility	300	150	500	250	200	100	_____	Design	200	100	100	50	130	65	_____	Plant	200	100	300	150	160	80	_____	Reissue	300	150	500	250	600	300	_____	Provisional	200	100	0	0	0	0	_____	<b>Fee Description</b>	<b>Small Entity</b>	Each claim over 20 (including Reissues)	50 25	Each independent claim over 3 (including Reissues)	200 100	Multiple dependent claims	360 180	<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	17	- 20 =	x	=	Fee (\$)	Fee Paid (\$)	<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	3	- 3 =	x	=	<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	94	- 100 =	/50 (round up to a whole number) x	=	Fee Paid (\$)
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<p><b>SUBMITTED BY</b></p> <p>Signature <i>Gregory B. Butler</i> Registration No. 34,558 Telephone 617-577-5595</p> <p>Name (Print/Type) <i>Gregory B. Butler</i> Date September 29, 2006</p>			
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10/594773

IAPO1 Rec'd PCT/PTO 29 SEP 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 66368(46590)

## Certificate of Express Mailing Under 37 CFR 1.10

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on September 29, 2006  
Date

Melissa Altman  
Signature

Melissa L. Altman

Registration Number, if applicable

(617) 517-5589

Telephone Number

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